

Notice of Allowability	Application No.		Applicant(s)	
	09/835,791		DANIEL JR ET AL.	
	Examiner		Art Unit	
	Baoquoc N. To		2162	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

- 1. ☒ This communication is responsive to 08/28/2007.
- 2. ☒ The allowed claim(s) is/are 89-346.
- 3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 - 1. ☐ Certified copies of the priority documents have been received.
 - 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 - 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

- 4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 - 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☒ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
- 6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|---|
| <ul style="list-style-type: none"> 1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____ 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | <ul style="list-style-type: none"> 5. <input type="checkbox"/> Notice of Informal Patent Application 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date <u>28/28/2007</u>. 7. <input type="checkbox"/> Examiner's Amendment/Comment 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance 9. <input type="checkbox"/> Other _____. |
|--|---|

DETAILED ACTION

1. Claims 1-15, 17, 19-28, 36-40, 42, 33, 44, 46-58, 60-61, 63-65, 67, 69-70 and 72-88 are canceled, claims 89-91, 94, 98, 101, 103, 106-112 and claims 113-346 are newly added in the supplemental amendment filed on 08/29/2007.

Allowable Subject Matter

2. Claims 89-346 are allowed.

The following is an examiner's statement of reasons for allowance:

As to claims 89, the examiner agrees with applicants remarks filed on 06/22/2007 including the multiple data structure includes a corresponding archive file that is stored offline, as opposed online and a corresponding archive file index that is stored online, as opposed to offline... over come the 103 rejection dated on 12/22/2006 because neither Yeskel nor Jones alone or in combination discloses this feature as the claim 89 amended in the both amendment filed on 06/22/2007 and the supplemental amendment filed on 08/29/2007.

Claims 90-174 are depended on claim 89; therefore, claims 90-174 are allowed under the same reason.

Claim 175 is a method reciting the steps as being performed in the system of claim 1, therefore, claim 175 is allowed under the same reason as to claim 89.

Claims 176-260 are dependent claims; therefore, claims 176-260 are allowed as the same reason as to claim 175.

Claim 261 is the a computer program product encoded in one or more computer storage media for executing by a computer to perform the method as recited in claim 89; therefore, claim 261 is allowed under the same reason as to claim 89.

Claims 262-346 are depended on claim 261; therefore, claims 262-346 are allowed under the same reason as to claim 261.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Patent:

Cahill et al.	(US. Patent No. 5,678,04)	Patent date: 10/14/1997.
Bellinger et al.	(US. Patent No. 6,023,705)	Patent date: 02/08/2000.
Bellinger et al.	(US. Patent No. 5,870,725)	Patent date: 02/09/1999.
Coperland, III et al.	(US. Patent No. 5,784,610)	Paten date: 07/21/1998.

None Patent Literature:

He et al. Research on online detecting recording and analyzing of substation communication information, Power System Technology, 2006, PowerCon 2006, pages 1-6, Oct. 2006.

Park et al. Applying collaborative filtering to movie search for better ranking and browsing, Conference Knowledge Discovery in Data, Proceedings of the 13th ACM SIGKDD International conference on Knowledge discovery and data mining, pages, 550-559, 2007.

Contact Information

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Baoquoc N. To whose telephone number is at 571-272-4041, or unofficial fax number for the purpose of discussion (571) 273-4041 or via e-mail BaoquocN.To@uspto.gov. The examiner can normally be reached on Monday-Friday: 8:00 AM – 4:30 PM, EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Breene can be reached at 571-272-4107.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-3900.


Any response to this action should be mailed to:

Commissioner of Patents and Trademarks
Washington, D.C. 20231.

The fax numbers for the organization where this application or proceeding is assigned are as follow:

(571) 273-8300 [Official Communication]

BQ To 
September 2nd, 2007


JOHN BREENE
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100